

19990714.qrp v01_n518.qrl.990714

Date: Wed, 14 Jul 1999 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1518

QRP-L Digest 1518

Topics covered in this issue include:

- 1) [45038] Re: QRP ARCI #'s over 10000 ?
by Ed Lawson <elawson@lr.net>
- 2) [45039] Re:FS HW-9
by John Spoonhower <jspoonh1@rochester.rr.com>
- 3) [45040] Re: out-of-call-district callsigns
by "Nick Kennedy" <nkennedy@cswnet.com>
- 4) [45041] Xmas in July: Was: XYL said...
by "Rod Cerkoney" <rcw@frii.com>
- 5) [45042] Re: out-of-call-district callsigns
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 6) [45043] Re: QRP-L digest 1516
by "Al Gritzmacher " <ae2t@arrl.net>
- 7) [45044] Desert Ratt
by Rick McNelly <72507.235@compuserve.com>
- 8) [45045] Re: QRP ARCI #'s over 10000 ?
by Francis Flynn <fflynn@together.net>
- 9) [45046] Dr. Megacycle will reveal Razor Blade Preserving Technique at Tuthill
by "James R. Duffey" <jamesd1@flash.net>
- 10) [45047] Re: Wellsley Island Operation
by "Al Gritzmacher " <ae2t@localnet.com>
- 11) [45048] 2N22/40 Builders
by "Chuck Adams K5FO" <adams@ticnet.com>
- 12) [45049] LAST CALL! QRP-L CD v2.0
by "Paul R. Valko" <prvalko@oakland.edu>
- 13) [45050] Re: out-of-call-district callsigns (fwd)
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 14) [45051] Re: letting go of an old call
by Monte Stark <ku7y@dri.edu>
- 15) [45052] 2N22/40 VFO observation
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 16) [45053] Out of District callsigns
by "Don Wilhelm" <w3fpr@arrl.net>
- 17) [45054] Making QRP Traps
by Jay Freeman <jayFreem@direcpc.com>
- 18) [45055] kd5cmn de n0tu k
by "Steve/n0tu" <n0tu@webaccess.net>

- 19) [45056] Re: out-of-call-district callsigns
by Tim Pettibone <k5oi@zianet.com>
- 20) [45057] GPS accuracy replies.
by "George W. Lee" <k5ht@juno.com>
- 21) [45058] Re: Making QRP Traps
by "Earl Andrews" <earlve3ab@igs.net>
- 22) [45059] Dr. Megacycle - Razor Blade
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 23) [45060] NA in QRP ARCI Parties
by Bob Patten <n4bp@bc.seflin.org>
- 24) [45061] Sangster Shield Contest
by barry kirkwood <bjk@ihug.co.nz>
- 25) [45062] Re: Shortwave Radio
by w4bws@juno.com
- 26) [45063] Out-of-state Calls: A slightly Different View
by wb2vuo@juno.com
- 27) [45064] Hi-Mound and Kenwood tr7800 sold
by Scott Howell <whowell@hq.nasa.gov>
- 28) [45065] end of an era
by John Mckee <JMckee@RFMD.com>
- 29) [45066] Re: Making QRP Traps
by "Hugo Catta" <h.catta@worldnet.att.net>
- 30) [45067]
by Mark R Milburn <kq0i@juno.com>
- 31) [45068] RE: Making QRP Traps
by "Ed Tanton" <n4xy@att.net>
- 32) [45069] milliwatts in QST de KJ5TF
by Jim Hale <kj5tf@yahoo.com>
- 33) [45070] Neat QSO with fellow QRP-Ler
by "Chuck Adams K5F0" <adams@ticnet.com>
- 34) [45071] Wanted Index Labs QRP+
by Jeff <fantbb@yahoo.com>
- 35) [45072] Re: milliwatts in QST de KJ5TF
by Bruce Muscolino <w6toy@erols.com>
- 36) [45073] Idaho!
by Brian Murrey <brian@iquest.net>
- 37) [45074] K5F0 Estate Sale on Hold
by "Chuck Adams K5F0" <adams@ticnet.com>
- 38) [45075] End? of Morse
by James Owen <owen@piper.eeel.nist.gov>
- 39) [45076] Re: milliwatts in QST de KJ5TF
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 40) [45077] Re: Making QRP Traps
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 41) [45078] Re: Dr. Megacycle - Razor Blade
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 42) [45079] AR QRP 40m Net Tonight!
by Robspark@aol.com

- 43) [45080] When to stop using the old call
by wd9eyb@butler.indiana.net
- 44) [45081] QRPTTF
by Monte Stark <ku7y@dri.edu>
- 45) [45082] EMI/RFI Shielding Paint
by Larry East <w1hue@amsat.org>
- 46) [45083] copper clad laminate...
by sergio <sruiz@bright.net>
- 47) [45084] Wireless World
by Chris Trask <ctrask@primenet.com>
- 48) [45085] RE: Out of District Calls
by Larry East <w1hue@amsat.org>
- 49) [45086] HF6V Mounting / Accessories?
by David Brunner <anon6622@nyx.net>
- 50) [45087] Re: EMI/RFI Shielding Paint
by "Walter Dufrain" <walter@inlink.com>
- 51) [45088] out of district call
by "Steven Weber" <kd1jv@moose.ncia.net>
- 52) [45089] Re: EMI/RFI Shielding Paint
by Goran Hosinsky <hosinsky@royac.iac.es>
- 53) [45090] RE: EMI/RFI Shielding Paint
by Larry East <w1hue@amsat.org>
- 54) [45091] RE: When to stop using the old call
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 55) [45092] Re: QRPTTF
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 56) [45093] A Couple of Things
by notajock@juno.com
- 57) [45094] QRP SNitchbox
by "Francis Callahan" <colcal@srv.net>
- 58) [45095] 75 ohm balanced line?
by Gary Montalbine <garymon@gte.net>
- 59) [45096] Re: EMI/RFI Shielding Paint
by Randy Randall <RANDALLR@Healthall.com>
- 60) [45097] Re: QRP ARCI
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
- 61) [45098] RE: A Couple of Things
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 62) [45099] NEW CALL
by Brad Bradfield <b_bradfield@yahoo.com>
- 63) [45100] Re: out-of-call-district callsigns
by "John Moriarity" <k6qq@hdo.net>
- 64) [45101] all things considered..
by sergio <sruiz@bright.net>
- 65) [45102] FS - Kenwood and accessories
by "George Goodroe" <goodroe@worldnet.att.net>
- 66) [45103] 6 Meter QRP freq??
by Mighty Mik <mitymik@hooked.net>

- 67) [45104] French QRP
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 68) [45105] Re: out-of-call-district callsigns
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 69) [45106] Fw: going, going, gone
by Marv Fagenson <k6hcj@juno.com>
- 70) [45107] NC-20 AFA replacement chip ? de Jack,WA7LNW
by Jack Reed <wa7lnw@infowest.com>
- 71) [45108] Re: Reflections
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 72) [45109] Going to La Jolla
by Tim Pettibone <k5oi@zianet.com>
- 73) [45110] Ft. Tuthill YES!
by Jerry Parker <jparker@fix.net>
- 74) [45111] RE: Neat QSO with fellow QRP-Ler [LONG]
by "Jerry Bartachek" <jbartac@max.state.ia.us>
- 75) [45112] GM-15 Completed (Sorta)
by Ken Newman <N2CQ@citnet.com>
- 76) [45113] Closet QRPers
by "David Maliniak" <dmaliniak@penton.com>
- 77) [45114] FT840 Narrow Filter
by MertNellis@aol.com
- 78) [45115] Re: out-of-call-district callsigns
by Scott Howell <whowell@hq.nasa.gov>
- 79) [45116] RE: When to stop using the old call
by "Paul R. Valko" <prvalko@oakland.edu>
- 80) [45117] Re: Reflections
by Macstein@aol.com
- 81) [45118] For Sale -- "Boat Anchors"
by Larry East <w1hue@amsat.org>
- 82) [45119] Re: Closet QRPers
by "Bryan Turner" <turnerw@email.uah.edu>
- 83) [45120] Re: out-of-call-district callsigns
by Jim Lowman <jmlowman@ix.netcom.com>
- 84) [45121] Re: Milliwatting Article in QST
by Bob Nielsen <nielsen@primenet.com>
- 85) [45122] RE: Propagation Primer 101
by "Kory Hamzeh" <kory@avatar.com>
- 86) [45123] Re: Dr. Megacycle - Razor Blade
by Steven Mann <smann@advi.net>
- 87) [45124] Re: FT840 Narrow Filter
by Monte Stark <ku7y@dri.edu>
- 88) [45125] W / R antenna..... Oh Yes!
by hamjoel@juno.com

Date: Wed, 14 Jul 1999 00:04:24 GMT

From: Ed Lawson <elawson@lr.net>
To: qrp-l@lehigh.edu
Subject: [45038] Re: QRP ARCI #'s over 10000 ?
Message-ID: <19990714.42400@work1.grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

>>>>>>>>>>>>>> Original Message <<<<<<<<<<<<<<

On 7/13/99, 3:45:03 PM, Jim NOUR <n0ur@yahoo.com> wrote regarding QRP=20
ARCI #'s over 100000 ?:

```
> During the HB Sprint last weekend I noticed member
> numbers well into the 9000's. Unless it was a
> mistake, one station sent a numbers over 10,000,
> (10014 I believe).
```

Yes indeed. Inf fact, my number is 10014.

Ed lawson
K1VP

Date: Tue, 13 Jul 1999 19:06:45 -0400
From: John Spoonhower <jspoonh1@rochester.rr.com>
To: qrp-l@lehigh.edu
Subject: [45039] Re:FS HW-9
Message-ID: <378BC685.D64A2710@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For all that expressed interest in the hw-9 thanks; a buyer has been found and contacted. I'll contact other people if the deal falls thru. Someone asked if the rig has the warc bands and the answer is yes! also the original heath manual is included.

adios, john, kc2du

Date: Tue, 13 Jul 1999 18:36:39 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <nielsen@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45040] Re: out-of-call-district callsigns
Message-ID: <001201becd88\$8f2a1a20\$fa7154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Changing your call to correctly associate it with your QTH is one thing, and maybe it's the polite thing to do. What about changing to a "vanity" call to show that you have your extra class, or maybe to get minimum baud for the CW contests?

I just couldn't do it. WA5BDU has been like my name for 37 years (first WN5BDU). Even when I introduced myself to a ham once with name/call and he said, "WA5 ... is that a NOVICE call??", I didn't want to change.

A good friend from high school days had a great WA5 call with a great rythmn on CW. Years later, he'd changed it to some forgettable two letters then a five then a letter call. I asked why he did it, expecting him to be combative, but he just shook his head and said "I don't know."

Speaking of baud, you can't beat a five, right? So I'm glad I didn't "zero out" when I lived in Missouri for five years.

72,

Nick, WA5BDU
back in Arkansas

By the way, who DOESN'T think his call has a great rhythm on CW?

Date: Tue, 13 Jul 1999 17:44:48 -0600
From: "Rod Cerkoney" <rcw@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45041] Xmas in July: Was: XYL said...

Message-ID: <002a01becd89\$b4a3cd40\$cc8611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HOT DOG:

K2 S/N 286 arrived in Fort Collins, yesterday! Ordered 2/5/99, non priority, to help others estimate your arrival date. Gulped a bit when I saw all the parts, so better just take my time & enjoy the ride--err soldering. ;-)

Has anyone set there rig up for the 5 watt max mod? I'm thinking serious abt that. YEA/NAY, PRO/CON?

Off to melt solder...

72/3 Rod, N0RC
da di dah

----- Original Message -----
From: Jay & Jackie <jayboy@bendnet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 13, 1999 2:19 PM
Subject: XYL said...

>"That can't be a rig in that light box, but it is from Elecraft"...
> FINALLY!
>
> Jay, W6JDB Bend, Or
>

Date: Tue, 13 Jul 1999 19:46:30 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [45042] Re: out-of-call-district callsigns
Message-ID: <378BCFD6.6BAD@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nick Kennedy wrote:

> What about changing to a "vanity"
> call to show that you have your extra class, or maybe to get minimum baud
> for the CW contests?

Now, where does that leave us 1X3 vanity call holders? I got mine in the Extra window and didn't have to fight for it. :-)

73,
Ed, W1RFI

Date: Tue, 13 Jul 1999 19:50:18 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@lehigh.edu
Cc: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [45043] Re: QRP-L digest 1516
Message-ID: <199907132344.TAA12103@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

On 12 Jul 99, at 19:03, qrp-l@lehigh.edu wrote:

>
> Date: Mon, 12 Jul 1999 15:05:32 -0400
> From: "Dean Marzocca" <n2tnn@ifu.net>
> To: <qrp-l@Lehigh.EDU>
> Subject: [44933] Lat / Long conversion
> Message-ID: <009801becc99\$84956b40\$7ce4e6d0@ifu.net>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
> Content-Transfer-Encoding: 7bit
>
> Hi guys,
>
> Just a quick question here in preparation for the up coming Bungle Bee
> excursion. I need to convert my coordinates from decimal to MM.SS
>
> My map has my home listed as -74.57384 40.49971
>
> My old TI-35 calculator says these are: 74 34' 25" 82'" and

40 29' 58" 95'"

> My GPS has it listed differently like 74.01.56

>

I'd trust the accuracy of the GPS more than a map, but there is a big difference in these numbers.

> I remember seeing a conversion here on the list but I can't find it when

> needed. I am just checking the accuracy of my unit so I don't get lost. Now,

> now, yes you can get lost in New Jersey.....

>

Degrees/minutes/seconds etc are just the same number stated in fractions with a denominator of 60. A decimal degree is just stated as a decimal number to as many places as you want to worry about.

74.500 degrees would be 74 degrees 30 seconds ($30/60 = 1/2 = 0.5$)

All you need to do is multiply the decimal part (the degrees, or whole number stays the same) by 60 to get the minutes. If there is a decimal value to the minutes, you can multiply it by 60 to get the seconds. Repeat again for arcseconds etc.

for instance 74.555 degrees is 74 degrees,
plus $.555 \times 60 = 33.3$ for 33 minutes and,
 $.3 \times 60 =$ 18 seconds.

To go the other way, just remember that one second = $1/60$ minute, one minute = $1/60$ degree. Convert the fractions to decimal values by dividing.

For example: 74 33' 18" would be
74 degrees and 33 plus $18/60$ min, or 74 deg 33.3min, which would be:
74 deg plus $33.3/60$ or 74 plus 0.555 or 74.555, our original decimal degree value.

You must do each step separately, converting arcseconds to seconds, then convert seconds to minutes, then convert minutes to degrees. (Unless you have a calculator that does it automatically!)

> Thanks for the time. Please direct or post to the list if some one else has
> the same question.

>

> Thanks,

>

> 72 Dean N2TNN, NNJ

>
> n2tnn@ifu.net

=====
Al Gritzmacher ae2t@arrl.net
<http://members.localnet.com/~ae2t/>

Date: Tue, 13 Jul 1999 20:48:54 -0400
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-l@Lehigh.EDU
Subject: [45044] Desert Ratt
Message-ID: <199907132051_MC2-7CE5-C888@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Hello All,

I'm planning to build a Desert Ratt 3 but I've never played with a regen before. Using the Poly tuning cap and winding the coil as specified for a tuning range of 6-15 MHz, how touchy is the tuning?

I have one of those mini boom box looking AM FM radios and it uses the poly tuning cap, has a nice on-off volume control and has two speakers. I think I can reshape the AA battery compartment to hold a 9v, and can mount a pot for the regen thru the top.

My other options are to use a 50-200 air variable w/ reduction drive from someones failed antenna tuner project. Very smooth but it is huge! Or I could scarf a 20-140 air variable and reduction drive from a HW-7. The radio is bone stock and very clean but I have no use for it and it has some nice parts in it. What is a clean, stock, HW-7 without a manual worth anyway?

72/73's,

--Rick, KE4IZH

QRP-L # 493
72507.235@compuserve.com
Chesapeake, Va.
MP2.1K
'98 Sportsman

Date: Tue, 13 Jul 1999 21:05:48 -0400
From: Francis Flynn <fflynn@together.net>
To: qrp-1@lehigh.edu
Subject: [45045] Re: QRP ARCI #'s over 10000 ?
Message-ID: <378BE26C.4D4C95F4@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Yes indeed. Inf fact, my number is 10014.
>
> Ed lawson
> K1VP

Obviously, you must have used a homebrew transceiver.
Congrats on a nice score. Maybe you were under 250mw too.

I wonder how many Q's that is.

Also, I got my QST today and the milliwatting article makes me want to build, buy or otherwise aquire an attenuator and QRP power meter, so that I can run 50mw. It's a nice multiplier for some contests like arci, besides, I would be thrilled to work anybody at that power level.

72

ff

km1z

Date: Tue, 13 Jul 1999 19:33:54 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [45046] Dr. Megacycle will reveal Razor Blade Preserving Technique at Tuthill
Message-ID: <199907140136.UAA00528@mailgw.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

By popular demand, during the "Stump The Doctors" portion of the QRP Forum at Ft. Tuthill, I will reveal my technique for making a 5 pack of double edge razor blades last for more than 25 years. The solution is obvious once you see it.

Sorry, this information will not be able to be disseminated to those not attending the QRP Forum in person. The information may be available at Pacificon, I will have to check with Doug and Ed to be sure.

No, I don't shave with a straight edge razor. I did once - bloody mess. -
Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 13 Jul 1999 21:47:06 -0400
From: "Al Gritzmacher " <ae2t@localnet.com>
To: qrp-l@lehigh.edu
Subject: [45047] Re: Wellsley Island Operation
Message-ID: <199907140141.VAA32643@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

On 13 Jul 99, at 19:03, qrp-l@lehigh.edu wrote:

>
> Date: Mon, 12 Jul 1999 17:59:06 -0700 (PDT)
> From: Craig LaBarge <wb3gck@yahoo.com>
> To: qrp-l-mailing-list <qrp-l@lehigh.edu>
> Subject: [44950] Wellsley Island Operation
> Message-ID: <19990713005906.17468.rocketmail@web701.mail.yahoo.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
>
> Greetings:
>
> I'll be operating QRP-portable from Wellsley Island
> State Park in the 1,000 Islands area of New York in
> August. I remember (or at least I think I remember)
> reading about a program similar to IOTA for inland

> islands. Anyone know if there is such a thing?
>
> 73, Craig WB3GCK
>
>
>
>

It's called the US Islands program and you may read about it at
<http://www.eng.mu.edu/~usi> or contact <mailto:flash@ezl.com>
(N9WDQ) for information.

=====
The amazing thing about QRP is not how many contacts are
made, but that they are made at all. Every QSO is a
contradiction of conventional wisdom.

72,
Al Gritzmacher, AE2T
QRP-L #1664 QRP-ARCI #9837 K2 #274
ae2t@arrl.net
<http://members.localnet.com/~ae2t/>

Date: Tue, 13 Jul 1999 20:56:37 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [45048] 2N22/40 Builders
Message-ID: <E114D9i-0002CC-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

There are a number of you guys and girls already well
under way on the building of the K8IQY 2N2222 XCVR for
40 meters and other bands.

May I ask a special favor. Take pics as you build.
If you can email them to me as .jpg's that would be
great. I plan on putting a special directory on the
QRP-L CD ROM V3.0 for just those people that have
2N22/40's underway or completed. This will help others

in looking at the way each of us does something different and gain insight on new methods..... Maybe even help on the debugging end of things also, but I'd think that with the time and care needed to even build it that the number of problems would be minimized. Taking time and working on this complex a project raises ones skill to a new level of homebrewing.....

If you don't have a digital camera or scanner I'll take hard copies and include a SASE so that I can return them. Use the callbook address for K5FO. See <http://www.qrz.com/> for the lookup.

Thanks and keep building. I'm into the Desert Ratt 3 like a fox after the chickens.... And it ain't a pretty sight either... :-)

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Tue, 13 Jul 1999 22:07:30 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [45049] LAST CALL! QRP-L CD v2.0
Message-ID: <Pine.OSF.3.95.990713212306.25709A-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I told myself that I wasn't going to do this...

...BUT,

I just spent (wasted?) ANOTHER hour of my life scanning through the QRP-L Archives on this great CD. It is a LAFF RIOT. I read up on all the original ZOMBIE posts from last year - a hoot!

So, to make sure that everyone who wants one, gets one, this is my last call to order the QRP-L CD v2.0, W8KC release.

For the low, Low, LOW (high) price of \$10, you get a fancy padded envelope containing a new jewel box and your own, custom burned and labeled QRP-L ARCHIVE CD. 465MB of the compiled wisdom of QRP-L from 1993 to April 1999. (I finally got the labels down to a science, with a very pretty

red/blue starburst design on the newest ones.) It uses a lot of ink from my HP850, but that's the quality you pay for!

Ask any of over 50 QRP-L members that I've burned... uhhh wait a minute, that I've MADE a CD for, how much THEY enjoy theirs.

This offer positively ENDS FRIDAY JULY 16 at 11:59pm. Digest readers please note. You'll have to do some serious groveling or find another CD maker, once this offer expires. It's time to give some other "lucky" CD burner a chance to tie up their evenings :-). Plus, I want to get back on the air.

Send your (non-rubber) check or money order in the amount of \$10 to:

Paul Valko - W8KC
3123 Cairncross Drive
Oakland, MI 48363-2705

Please email me first, to be put on the list. This last batch will be made over the weekend for shipment/delivery next week.

Unmarked envelopes stuffed with cash will be used for beer and pizza.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 14 Jul 1999 02:12:41 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45050] Re: out-of-call-district callsigns (fwd)
Message-ID: <000801becd95\$fa607840\$d942b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

GROAN!!!!!! Yet another filter.
de Steve, W8SFF

Date: Tue, 13 Jul 1999 19:45:29 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45051] Re: letting go of an old call
Message-ID: <Pine.GS0.4.10.9907131943180.12365-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmmmm,

Funny how different folks see calls in a different light.

I was W6JX0 for years. When I got to Idaho I couldn't wait to get rid of it.....I didn't want anything to remind me of that place!

cul,

Ron, KU7Y

Date: Tue, 13 Jul 1999 23:17:48 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <adams@ticnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45052] 2N22/40 VFO observation
Message-ID: <000301becda7\$72d2c240\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi folks! Just a note:

I've been bringing up each section of my 2N2/40 as I build it, testing it as I go. So far I've completed and tested the audio PA, mute switch (mine doesn't seem to thump or be too loud), the product detector and receiver L0, and the xtal filter/IF strip.

Tonight I finished the voltage regulator and VFO, but didn't wire the buffer. I only brought Q2 to life. What I noticed was that I was only able to QSY about 12 kHz, no matter how I tweaked the values of the LC components (I did have to remove two turns from L1 to get into range). After fiddling for a while, I substituted another MVAM109 vari-cap, and now I can achieve 90 kHz of range, which is close enough for government work, as they say.

The point is, sometimes components suffer variability and some may not be first-grade, which is why they're likely in the surplus market to begin with.

If at first you don't succeed, try a likely substitute.

Vy 73 es GL, AI2Q, Alex in Kennebunk, Maine

PS: I'm using some glass caps in the VFO as well as polystyrene and NPOs, and the stability seems excellent. Now if I could just get ahold of a decent 15 kohm or 20 kohm 10-turn pot I'd be in Triple Heaven.....).

Date: Tue, 13 Jul 1999 23:56:13 -0400
From: "Don Wilhelm" <w3fpr@arrl.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [45053] Out of District callsigns
Message-ID: <005c01becdac\$d7f24380\$75032626@dbw-11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

When the FCC promises to give me a W4xxx call as other than a vanity call, I will happily change mine, but until then I prefer to be known as W3FPR - although I could get my original call back - W8DLB since it still shows as unassigned.

That's my \$ 0.02 worth.

Don Wilhelm -- Wake Forest, NC
W3FPR -- QRP-L # 485

Date: Tue, 13 Jul 1999 23:04:26 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45054] Making QRP Traps
Message-ID: <378C0C4A.C04E9988@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy neighbors,

Since I have a DSW-20 on the way, I'm thinking of turning my portable 40m dipole into a trapped 40/20m dipole. What kind of Q do molded inductors usually have? I was thinking I could make some pretty small, light weight traps that way. Would they handle a couple of watts, even? I've not seen any design info using toroids in traps, is that a feasible alternative? I've also considered coaxial cable type traps, but I think any wound with RG-58 would be too heavy for my DK9SQ mast. If anyone has data for winding traps using RG-174, or if you can point to somewhere I can learn, I'd sure appreciate it. I've looked at some of the excellent info on traps on L.B.'s site, and plan to read it again so it will soak in better :). I understand that traps have some definite drawbacks, but I'm willing to trade those for physical simplicity: i.e. having only one set of wires to untangle^H^H^H^H^H^Hroll :).

72/3

Jay - WT9S

Date: Tue, 13 Jul 1999 22:03:16 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [45055] kd5cmn de n0tu k
Message-ID: <00b901becdad\$d4d64100\$82a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Mike,

Fun QSO tks ...and great signal for a watt. Tell me more about what's wrong with ur NC20 TX? (Tks for the BW gang)

TU & 72/73 ...Steve/n0tu-Monument,CO

Date: Tue, 13 Jul 1999 22:39:21 -0600
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu
Subject: [45056] Re: out-of-call-district callsigns
Message-ID: <04392157806786@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Chuck:

You just knew you were going to cause a lot of trouble with this one! I have an opinion on this one too. First, my preference would be to require that one's call sign reflect the call area where one is a semi-permanent resident. Second, if we can't have that, then at least require that "out of area" calls all carry the modification "/#". As ex WN7WXC, W7WXC, W7WXC/5, W5SXL, W5SXL/2, W5SXL/4, NL7YL, AL7OI, and AB5OU, I resemble my remarks! Nothing is more irritating than to work a KL7 and find that he's in Florida. It wouldn't be so bad if he/she was KL7xx/4. Just my opinion but what do I know?

Tim K5OI

Date: Tue, 13 Jul 1999 23:51:44 -0500
From: "George W. Lee" <k5ht@juno.com>
To: qrp-l@lehigh.edu
Subject: [45057] GPS accuracy replies.
Message-ID: <19990714.001555.17318.0.k5ht@juno.com>

Great gobs of goose feathers! I never dreamed I would get so many replies to my question. Not only lots of them but interesting and

corroborating in all respects. Thanks a million and while you are receptive to my previous question....."when will my ship come in?"

Again my thanks from what proves endlessly what a great reflector this is.

73, George KR5C

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Date: Wed, 14 Jul 1999 01:37:09 -0700
From: "Earl Andrews" <earlve3ab@igs.net>
To: <jayFreem@direcpc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45058] Re: Making QRP Traps
Message-ID: <199907140535.BAA07638@host.ott.igs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

there was a good QST article on just this subject. It had traps made with T50-6 torroids and also RG174. I can dig it up for you if you wish. I just recently bought some thin coax (similar to RG174) surplus off a spool. It has a teflon dielectric..I think that would be good for temp stability and dielectric quality and toughness.

Date: Wed, 14 Jul 1999 15:49:32 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45059] Dr. Megacycle - Razor Blade
Message-ID: <378C24EC.A9F7990E@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

"James R. Duffey" wrote:

> Sorry, this information will not be able to be disseminated to those not
> attending the QRP Forum in person.

No exemption for living on other side of world in a different hemisphere?

God I'm guilty of perpetuating/expanding another thread (smacks wrist noisily)
<g>

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

Budgewoi N.S.W. Australia

Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Wed, 14 Jul 1999 02:15:45 -0400 (EDT)

From: Bob Patten <n4bp@bc.seflin.org>

To: Dave Pruett <dap14@chrysler.com>

Cc: QRP-L Reflector <qrp-l@lehigh.edu>

Subject: [45060] NA in QRP ARCI Parties

Message-ID: <Pine.3.89.9907140258.A5611-0100000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave,

Just learned that membership in QRP ARCI has passed 10,000! This creates a problem with using NA in the Spring and Fall Parties as well as some of the local club sprints which use a similar format.

The template uses "call/rst/rst/qth/nr" with the field lengths hard coded in NA. The "nr" field now needs one more position to accomodate the five digit member numbers. Since the "qth" field has four, I would think that one position could be reassigned to "nr"?

A second item which can be fixed by the user, but should probably be corrected in the .CRT provided with NA: The QSO Parties start at hour 12 and have a duration of 36 hours. Participants are allowed to operate 24 of the 36.

The next "major" QRP event that this affects is the Fall QRP ARCI Party in October. Any chance of including these changes in a revision before then?

Tnx & 73,

Bob Patten, N4BP ' ' ' ' (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 14 Jul 1999 19:51:55 +1200
From: barry kirkwood <bjk@ihug.co.nz>
To: qrp-l@Lehigh.EDU
Subject: [45061] Sangster Shield Contest
Message-ID: <199907140751.TAA20995@smtp2.ihug.co.nz>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L people may be interested to hear of the Sangster Shield Contest run by NZART. Dates August 14-15, 0800Z-1100Z, 3.5MHz cw only. The ZL participants run no more than 5watts output. They exchange RST/two digit NZART branch number/two digits power out in watts e.g I might give 579/29/05...rst/North shore branch NZART/5watts. Stations may be contacted once each hour (there are not many of us). QRP to QRO contacts permitted. QRO stations give RST/three figure serial starting 001.e.g. 549/001 etc.

The Sangster Shield has been running since 1927 making it one of the older contests.

I have been participating in it off and on since 1954 as ZL1DR, ZL40K, ZL1BN, now ZL1DD.

To my knowlege in that time no super station antennas have been used, the average station using inverted vee at thirty feet type of thing. I will be using an inverted L 1/4 wave with elevated radials.

Conditions vary a bit from year to year, and the time slot makes qsos with many regions out of the question. However, in every contest S9 reports are

received from Eastern VK (1200 miles or more) and a few contacts are made usually with JA and occasionally W/VE and even LU. Pretty impressive, since the DX usually quite unsuspecting.

To my knowledge no two way QRP contact has been made with W/VE during the contest, altho it certainly has been done on 3.5 cw with 2 watts from a ZC1...!!

So folks, listen up on August 14-15!! QRPers and QROers all welcome. (I would be fascinated to see what one of the North American 80 m. superstations could do using those antennas with 5watts... See you on 3.5 cw!!

Sorry about the bandwidth.

BAZ ZL1DD
end
Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL40K etc
Signal Hill
66 Cory Road
Palm Beach
Waiheke Island 1240
NEW ZEALAND
www.waiheke.co.nz/signal.htm
Ph/Fax 64-9-372-5161

Date: Wed, 14 Jul 1999 07:07:13 -0700
From: w4bws@juno.com
To: steam@megsinet.net
Cc: qrp-1@Lehigh.EDU
Subject: [45062] Re: Shortwave Radio
Message-ID: <19990714.070732.-197239.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don't forget the Vectronics kits either.
Don W4BWS

On Tue, 13 Jul 1999 17:41:06 -0500 "M.Pender" <steam@megsinet.net>
writes:
>Might want to check out the kits on Ten-Tec's site:
>
><http://www.tentec.com>
>
>They have a couple of fine shortwave kits.

```
>I think you'll have better success there than trying to
>convert your old Wards Airline to Shortwave!!!
```

 $\succ$

>Good Luck... Mike

[illegible]

```
> Mike Pender N9IV0: Chicago, Illinois, U.S.A.
```

```
>      E-Mail:      steam@megsinet.net
```

```
> Web Page: : http://www.megsinet.com/~steam
```

> Fax: 708-795-7003

[illegible]

>

Don Sanders W4BWS

694 E. Eau Gallie Blvd

Satellite Beach ,FL 32937

My favorite QRP rig glows in the dark

Date: Wed, 14 Jul 1999 07:31:46 -0400

From: wb2vuo@juno.com

To: grp-1@lehigh.edu

Subject: [45063] Out-of-state Calls: A slightly Different View

Message-ID: <19990714.073623.-70141.0.wb2vuo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Having been caught in the quandary of "Do I change my call, or what??" back in 1975, let me add to the present discussion.

I was in the Navy at that time, and ended up at the Sub Base in Groton, CT, with an address in Connecticut. Prior to that, I had an address on the ship, with the Fleet Post Office (FPO) in New York, so my WB2VU0 call was not a problem. Once my address changed to 1-Land, I had the following choices:

1 - Leave the call & address alone, This is the "They'll never write me..." school

2 - Change the address to a relative still residing in New York state, and have them forward any mail to me at the base.

3 - Change my call and address.

I chose # 3 after speaking with the Engineer-in-Charge at the FCC in Boston. I was assured that under the Rules (as of that date) that I

could retrieve my 2-land call on request as long as it was not reassigned. So, I ended up with WB1DNM. He was right, but unfortunately the Rules changed the next year, and I could NOT retrieve my old call.

When the first gate in the present Vanity Call program opened, I corrected my mistake, retrieved WB2VU0 and paid the BigBux for the privilege. I should have picked choice #2 back in 1975.

Oh well. Life is supposed to be a learning experience...

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

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Date: Wed, 14 Jul 1999 07:53:48 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [45064] Hi-Mound and Kenwood tr7800 sold
Message-ID: <3.0.5.32.19990714075348.007eda80@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just thought to place a note here cause the intrest in both items was more than I had anticipated.
However, both have found new homes and tnx for all the intrest.
Wish I had more of both to sell.
hmmm, wonder whatelse I could find in the shack<g>.

73 de Scott/n3byy

Date: Wed, 14 Jul 1999 07:59:20 -0400
From: John Mckee <JMckee@RFMD.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [45065] end of an era
Message-ID: <7FBBB9EBE9DAD211956F006094253FD916F25F@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I was listening to NPR this morning on the way to work and heard them mention an upcoming story this afternoon (7/14) about the last ship to shore stations and cw. Their coverage here starts about 4PM EDT.

73,

John WB40FT
Greensboro NC

Date: Wed, 14 Jul 1999 08:35:22 -0400
From: "Hugo Catta" <h.catta@worldnet.att.net>
To: <earlve3ab@igs.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45066] Re: Making QRP Traps
Message-ID: <003a01becdf5\$583fa440\$bd114f0c@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

IMHO coils wound on a piece of "thin" plastic electric conduit and mica caps will be better.

The only merit of toroids is intrinsic self shielding, not better Q. Heat is not an issue here; and in any case Teflon is lossier than polyethylene.

OTOH, teflon dielectric is more forgiving with excess heat when soldering.

72,
Hugo
CX9AAK/W2

snip.....>
>
> there was a good QST article on just this subject. It had traps made with
> T50-6
> toroids and also RG174. I can dig it up for you if you wish. I just
> recently bought
> some thin coax (similar to RG174) surplus off a spool. It has a teflon
> dielectric..I
> think that would be good for temp stability and dielectric quality and
> toughness.
>

Date: Tue, 13 Jul 1999 20:32:03 -0500
From: Mark R Milburn <kq0i@juno.com>
To: qrp-1@lehigh.edu
Message-ID: <19990714.073506.-203307.1.KQ0I@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Iowa QRP Club has a cw net on Wednesday nights at 9 PM CDT. If you have some time and interest, drop in and visit. I will be the NCS this week and will try to find a spot where the broadcast interference isn't too bad...somewhere between 7.125 and 7.130, I think. The speed of the net will be whatever you need, and we would very much like to have you join us.

72/73 Mark KQ0I
Des Moines, Iowa

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 14 Jul 1999 08:53:18 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <h.catta@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45068] RE: Making QRP Traps
Message-ID: <NBBBJDEEIFDDANGEGHLBCEINGEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I agree that toroids are not necessary for many traps... BUT it does depend on the required inductance. If you think about it, the use of toroids would make for a much smaller trap as the inductance goes up.

And you're absolutely correct about using TFE mini-coax. I threw away (actually gave away) all the non-TFE stuff I had once I acquired a bunch of the TFE stuff, surplus.

72 / 73 Ed N4XY

Elecraft K2 sn: 000057

How do those on the receiving end of a milliwatt QSO feel about QRPP? I'll let these emails tell you.

This is from a US ham operating in Honduras HR3 land on 15M band.

"VERY cool, indeed, Jim, and I remember the QSO well. You were no louder or weaker than the general pileup when we worked. Teaches us a couple lessons: (1) QRP is a good thing; (2) 3el yagis at 70ft are a very good thing; (3) Morse is a GREAT thing."

This email comes from SM5 land.

"Your 14mW certainly made it over to Sweden and I had a Q5 copy of you most of the time. I didn't think conditions were too good but the band was for sure open to Arkansas. Ten meter is a fantastic band and it is great to have conditions back again."

And finally

"Today in the mail I got Jim Hale's QSL (KJ5TF/QRPP) for one incredible QSO! I heard and worked Jim one morning while mobilizing to work. I was using my Argosy @ 4w w/home brew bug catcher on the roof of my car. When I first heard Jim, I said to myself "hey that's got to be a QRPer" ..kinda weak and QSB was making him even weaker not to mention the QRN. After we made contact I thought I heard him say "Mw" Hmmm so I asked for a repeat "pwr?" Jim says "40 Milliwatts" I almost changed lanes without trying. WOW!

Later when I got to work I saw a ham friend who's always asking "...had any interesting QRP contacts lately?" I said "you won't believe this one!"

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 14 Jul 1999 08:06:16 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: qrp-1@lehigh.edu
Subject: [45070] Neat QSO with fellow QRP-Ler
Message-ID: <E114Nbi-0005mr-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

I usually don't talk about someone else on QRP-L, but in this case I will make an exception... :-)

This morning, first thing in the shack was to turn on the GM-30 (hope NN1G finds a replacement for this one in his list of things to do) and tune around. I hear this strong signal and call. Sure enough he comes back to me.

Jerry, KD0CA, starts the QSO off with a howdy Chuck and I know it's gotta be someone who is on the list, worked me before, or read about something somewhere.... :-)
I get kind of a panic attack when this occurs as my mind scrambles around looking in closets for calls and names.... :-) ;:-)

So we are about 15 minutes into this QSO and wham he hits me with it. He is on a bug. Had you asked me before he said that I would have sworn that he was on a keyer. I can tell 99.9% of the time when the other person is on a bug. Really.

So, if we can get Jerry to write up a lengthy article for one of the newsletters and get the rest of the world to practice we can really make things a lot easier for everyone. IMHO of course. People take for granted these things and they shouldn't be. Everyone can learn from everyone else. Pass it on kinda thing.

I post this to brag on one of our fellow members. He also switched to a side swiper and I couldn't tell the difference. Now here is a guy with a perfect fist.

Good job Jerry. My pleasure to work you on 30M.....

dit dit es cul

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Wed, 14 Jul 1999 06:24:37 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [45071] Wanted Index Labs QRP+
Message-ID: <19990714132437.11598.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am hoping someone here would like to sell their
Index Labs QRP+!

Jeff

===

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 14 Jul 1999 09:24:59 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: kj5tf@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45072] Re: milliwatts in QST de KJ5TF
Message-ID: <378C8FAB.2119@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

Your comments say it all. Writing can be a terrific source of ego boost!

>

> AND QST pays real cash for printable articles. I got a
> check for \$120. for that!

>

And I have said all along, that if you have an idea they will help you with it AND they pay. It takes no more effort to write for QST than it does for QRP Quarterly or QRPP. It's just a matter of your faith in yourself!

>

> They had to save space and cut out some at the end.

>

Editors happen!

Congratulations again!

73

Date: Wed, 14 Jul 1999 06:34:05 -0700
From: Brian Murrey <brian@iquest.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [45073] Idaho!
Message-ID: <99Jul14.064835pdt.17025@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to the valiant efforts of KF7ET, I now have a Idaho contact for my WAS award. Mucho Gracias Cal!

As many of you know, I am trying to finish my WAS on 40M QRP with my 40A so I can allow myself the luxury of a new 20m rig. I started this quest on Labor Day of 1998 and I'd love to get it done by Labor Day of this year.

I have contacts but no QSL's for:

NM, VT, ID

I need contacts and QSL's for:

AK, NH, RI, UT, MT, WY, ME, NE

Joel in ME...let's set a sked...

Can anyone else help?

Thanks!!

72

--

```
=====
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.5w
Proud to be a member of the American Radio Relay League
=====
```

Date: Wed, 14 Jul 1999 08:35:36 -0500
From: "Chuck Adams K5F0" <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [45074] K5F0 Estate Sale on Hold
Message-ID: <E114046-0000PU-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

Due to Tuthill and the fact that Phyllis and I are leaving this Sunday (and don't take that as a chance for anyone to start something on QRP-L while I'm out and about :-)) Jim, nail -em.) I have to put the estate sale on hold.

But due to some nice email and a pointer that I may be doing something wrong, I have to change things around. The way I was doing it made it difficult on everyone that wanted something that I have/had to see it come up and to know even if

I had already sold it.

So, if it is OK with everyone I will post a list once a week or less frequently of stuff for sale. I'll keep it short and sweet and have pointers to pictures. This way everyone gets equal opportunity (except the digest readers, of course) to read it about it at the same time.

I'm not trying to be difficult here, just trying to simplify simplify simplify.....

Thanks for your help,

"Liquidation sale in progress. Going to the bare walls. Come on down... Moving to new location and everything has to go.... Bargains galore! Browse and you'll find something that you need."

: -)

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Wed, 14 Jul 1999 09:41:50 -0400
From: James Owen <owen@piper.eeel.nist.gov>
To: qrp-l@lehigh.edu
Subject: [45075] End? of Morse
Message-ID: <378C939E.1384F98E@piper.eeel.nist.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For an additional article on the demise of morse see the article written by the San Francisco Examiner. It may be found at <http://www.roanoke.com/roatimes/news/story68401.html>
Other than a couple of errors it seems factual.
72 Jim K4CGY

Date: Wed, 14 Jul 1999 09:45:01 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [45076] Re: milliwatts in QST de KJ5TF

Message-ID: <378C945D.6465@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Hale wrote:

> Thanks for the nice comments on my article in QST.

> I can tell you I've never had so much fun as a ham as
> working with mW power. And the article is iceing on
> the cake.

Hi, Jim,

Let me echo how pleased I was to see that article in my August issue.
It wasn't really a Tech article, so I didn't get to see it "in
progress," as it were. Good job promoting QRP.

> AND QST pays real cash for printable articles. I got a
> check for \$120. for that!

> So if you have anything interesting to write about, go
> ahead and try. The address and info is inside every
> QST on where to send articles. I was able to email my
> article to them.

Let me put on my professional hat for a second and point out that info
on writing for QST can be found at:

<http://www.arrl.org/qst/aguide/#QST>

Now, to take the hat off again, there are a lot of good places to
publish articles. The important part is to promote QRP. I think you
selected exactly the right place for that pararticulatr article, because
it was one that would help non-QRPers become QRPers, and QST has the
largest circulation. I think we need the occasional QRP construction
project in QST, too; after all, how many old timers learned about QRP
from articles like the Tuna Tin 2 and Sardine Sender? But there are
also some excellent QRP newsletters that need our support, too. Don't
forget CQ and even CQ VHF if you have an article with a 6 M flair; lots
of newcomers subscribe only to CQ VHF and we want to reach them, too. I
also like to see some QRP articles published on the Web, so that people
doing web searches on Amateur Radio have a shot at finding them. I
think that each author can decide just where an article will do the most
good for QRP and submit it there. Part of that decision should be to
"spread the wealth;" if they ALL went in QST, the QRP newsletters would

go away, so we need to consider the need to support what we want to see continue.

Now, don't tell my editor you saw me say this. :-)

73,
Ed Hare, W1RFI
ARRL Lab

Date: Wed, 14 Jul 1999 09:54:56 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Jay Freeman <jayFreem@direcpc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45077] Re: Making QRP Traps
Message-ID: <Pine.GSO.4.10.9907140944420.14740-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Most commercially made inductors have a Q rating somewhere in the catalog/spec sheet.

If you have access to surplus or junk box stock and can design the traps for the desired frequency (usually, just below the edge of the upper band), then the easiest way to test them is to build the antenna and do key-down tests on both bands (using care not to create QRM or violate identification procedures). Then compare reception with this antenna and the full size one you have with an A-B switch. All in one's own backyard--or that of a cooperative fellow ham, if one lacks the back yard.

If the antenna passes both tests and has a satisfactory VSWR for the feedline used, then it is ready for the field. Notice that I have specified no specific standards. If you get good reception on both bands--however you comparatively define "good"--then you will likely transmit as well. If the traps remain cool while doing their job of providing resonance on both bands, then the coils are satisfactory. Save those 1/4 dB figures for losses until you start comparing idealized antenna systems. For field use, light weight, non-bulkiness, and similar considerations are worth the slight losses. But--to add gratuitous--do not loan the antenna to your avid contesting friend who wants to put a KW through it.

As I noted in the short piece in QQ, there are very significant proper applications of trap dipoles, especially where the typical dipole pattern is important to operations--for example, keeping both bands oriented in the same directions with about the same beamwidth. Let your task help

define when a particular antenna design is good, bad, or marginal.

Hope this helps.

-73-

LB, W4RNL

Date: Wed, 14 Jul 1999 10:00:58 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45078] Re: Dr. Megacycle - Razor Blade
Message-ID: <Pine.GS0.4.10.9907140959370.14740-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually, Duffey regularly buys new blades, but they never reach his face. They go into the bugs and keyers as springs and account for his razor sharp CW.

-73-

LB, W4RNL

Date: Wed, 14 Jul 1999 10:00:14 EDT
From: Robspark@aol.com
To: qrp-l@lehigh.edu
Subject: [45079] AR QRP 40m Net Tonight!
Message-ID: <34f42a91.24bdf1ee@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

AR-QRP 40 m Net Wednesday Night

The AR-QRP 40 m net is tonight, Wednesday, at 0030Z (7:30 CDT) at 7.042 MHz.

Bob, AB5ZD is NCS and will be calling "QST AR QRP NET de NQ5RP PSE QNI". At that time, please send your full call. When I copy it, I will return your call and AS (stand by) while more call in. When I have the list, I will start at the top and go down the list for reports and comments. If you are building a rig or trying a new antenna, tell us about it! This is a fun and informal net, and is a low hassle way to learn how to check into a net. You don't need to be a member of the AR-QRP Club to check in. We welcome new check-ins!

72,

Bob AB5ZD

Date: Wed, 14 Jul 1999 09:31:42 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List)
Subject: [45080] When to stop using the old call
Message-ID: <199907141431.JAA11326@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When do you have to stop using your old call and start using the new one?
I don't know. But here's a rule that might give some indication:

"No station may
transmit unidentified communications
or signals, or transmit as the station
call sign, any call sign not authorized
to the station."

That's a sentence from 47CFR97.119(a)

So when are you no longer authorized to use your old call sign?
I don't know. As soon as you know the new one seems reasonable.

So who's going to buy Chuck's old call sign?
Does he have to wait 2 years to buy it?

I have had my call sign since the beginning.
I don't know if I would give it up or not if I moved.

Jim, WD9EYB

Date: Wed, 14 Jul 1999 07:43:23 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [45081] QRPTTF
Message-ID: <Pine.GS0.4.10.9907140742400.16778-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Has a date been set yet for the QRPTTF?

Thanks,

Ron, KU7Y

Date: Wed, 14 Jul 1999 08:57:08 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [45082] EMI/RFI Shielding Paint
Message-ID: <3.0.3.32.19990714085708.00921400@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, you experts out there have failed me this time! :-) No one has come up with a source for EMI/RFI Shielding Paint! The stuff is made by GC Electronics and is not listed by any of the usual electronics supply houses. I enquired at the local electronics parts place, and they can special order it -- at about \$35 per 8-oz spray can! If I order a whole case (12 cans), I might be able to negotiate a price in the range \$25 - \$30. Anyone know of a less expensive source? Anyone interested in a "group buy" of this stuff for, say, \$28 per can shipped??

The stuff really does work, by the way. I've used it to eliminate RFI from computer monitors (by spraying the inside of the case) and as an RF shield on the inside of plastic cases for antenna tuners, QRP rigs, etc.

72, Larry W1HUE/7

Date: Wed, 14 Jul 1999 11:07:37 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45083] copper clad laminate...

Message-ID: <378CA7B9.AE4136CF@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

i have a bunch of new pieces that some of you may be interested..

i just got huge pile of 093 thick double sided material...

this is a much heavier material than the previous batches..

same deal as always..

let me know if anyone is interested..

thanks!

--

peace,
sergio
<http://www.bright.net/~sruiz>
"the village buzz"

Date: Wed, 14 Jul 1999 08:14:50 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45084] Wireless World
Message-ID: <Pine.BSI.3.96.990714081301.4683B-100000@usr01.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anybody out there have an email address or the URL for
contacting the British magazine "Electronics World & Wireless World"?
I'd like to contact them about submitting an article.

Chris

,-----.
/ What's all this \
/ extinct stuff, anyhow? /
\
 \-----'
_ |/
_

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer

Date: Wed, 14 Jul 1999 09:25:03 -0600
From: David Brunner <anon6622@nyx.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45086] HF6V Mounting / Accessories?
Message-ID: <378CABCF.C8287BED@nyx.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

All,

I have a Butternut HF6V which I did have mounted on the roof at about 15', using the 2' tripod and the stub tuned radial kit (worked pretty good). I've had to remove it due to our getting a new roof put on the house. I probably won't put it back on the roof (don't want to put holes in those nice new shingles). I thought I'd mount it on a pole in the yard at about 10-15' or so, and use the counterpoise kit (CPK). This has 4x 5.5' tubes, making a square about 8' on a side. Has anyone used this accessory on their HF6V? Also, I'm interested in their 10/12 meter add-on kit, the A17-12. Has anyone used this?

Tnx for any input.

73,

--=20

David Brunner, KE=D8AZ
CQC GQRP QRP-L ARRL NRA
nr. Denver

Date: Wed, 14 Jul 1999 10:31:04 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: <wlhue@amsat.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [45087] Re: EMI/RFI Shielding Paint
Message-ID: <000601bece0d\$e79745e0\$726ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

GM Larry, guess if all else fails, you could obtain a can of graphite powder and mix it in with a pint can of poly-type clear sealer or spar varnish. You can just use a small paint brush and paint the mixture on the inside of your case.

Actually with this mixture you can get a better conductivity effect than using the standard spray can. Please pre-test the medium for any adverse affect on your plastic cases. Sometimes I have had to resort to using rubber cement as a medium.

Hope this will help your problem,
72/73 Walter Dufrain, AG5P

Wright City, Missouri

<<<snipped>>>

>Well, you experts out there have failed me this time! :-)) No one has come
>up with a source for EMI/RFI Shielding Paint! The stuff is made by GC
>Electronics and is not listed by any of the usual electronics supply
>houses. I enquired at the local electronics parts place, and they can
>special order it -- at about \$35 per 8-oz spray can! If I order a whole
>case (12 cans), I might be able to negotiate a price in the range \$25 -
>\$30. Anyone know of a less expensive source? Anyone interested in a "group
>buy" of this stuff for, say, \$28 per can shipped??

>

>The stuff really does work, by the way. I've used it to eliminate RFI from
>computer monitors (by spraying the inside of the case) and as an RF shield
>on the inside of plastic cases for antenna tuners, QRP rigs, etc.

>

>72, Larry W1HUE/7

>

Date: Wed, 14 Jul 1999 10:58:30 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [45088] out of district call
Message-ID: <199907141541.LAA13952@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

After I moved back to NH from FL, I used to get a lot more "1" area
responses to my CQ when using KC4VGK than I do now with KD1JV.
Bet that's true of most people with out of district calls.

But, I really didn't like KC4VGK and was happy to get KD1JV when I
got the Extra license here in NH.

72, Steve
DE WN2HMT, WB2HMT, WA1WNA, KC4VGK errr, KD1JV

Date: Wed, 14 Jul 1999 16:08:02 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: w1hue@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [45089] Re: EMI/RFI Shielding Paint
Message-ID: <378CB5E1.99375DF0@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In Sweden ELFA (www.elfa.se), in GB Farnell and RS components sell them in single lot quantities
73
Goran ea8yu

Larry East wrote:

>
> Well, you experts out there have failed me this time! :-) No one has come
> up with a source for EMI/RFI Shielding Paint! The stuff is made by GC
> Electronics and is not listed by any of the usual electronics supply
> houses. I enquired at the local electronics parts place, and they can
> special order it -- at about \$35 per 8-oz spray can! If I order a whole
> case (12 cans), I might be able to negotiate a price in the range \$25 -
> \$30. Anyone know of a less expensive source? Anyone interested in a "group
> buy" of this stuff for, say, \$28 per can shipped??
>
> The stuff really does work, by the way. I've used it to eliminate RFI from
> computer monitors (by spraying the inside of the case) and as an RF shield
> on the inside of plastic cases for antenna tuners, QRP rigs, etc.
>
> 72, Larry W1HUE/7

Date: Wed, 14 Jul 1999 10:22:17 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [45090] RE: EMI/RFI Shielding Paint
Message-ID: <3.0.3.32.19990714102217.00931e70@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, the stuff IS available from Newark; guess I missed it when looking thru their catalog.

>Newark
>Stock No. Type Description
> 00Z725 10-4807 12 oz. Aerosol \$33.21/can (Quantity: 1 - 4)

Thanks, all.

72, L.

Date: Wed, 14 Jul 1999 11:28:09 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <wd9eyb@butler.indiana.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [45091] RE: When to stop using the old call
Message-ID: <000001bece15\$dd27a2f0\$d8016f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You may start using your new call if you notice that it is in the FCC database. How do you know this? If it shows up in any of the on-line databases then you know it is in the FCC database. If you want to know how to get the FCC data let me know and I'll tell you.

You MUST start using your new call whenever you get your new license in the mail and sign it. You must sign it before you start using your new call BUT your old call is considered void when you receive your new one in the mail.

Your old call is in "limbo" for two years after it is considered unused. I kept my old call, why spend the extra bucks to get a "cool" one when the one you got is free?

Kevin, WB5RUE

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of wd9eyb@butler.indiana.net
Sent: Wednesday, July 14, 1999 9:32 AM
To: Low Power Amateur Radio Discussion
Subject: When to stop using the old call

When do you have to stop using your old call and start using the new one? I don't know. But here's a rule that might give some indication:

"No station may
transmit unidentified communications
or signals, or transmit as the station

call sign, any call sign not authorized
to the station."

That's a sentence from 47CFR97.119(a)

So when are you no longer authorized to use your old call sign?
I don't know. As soon as you know the new one seems reasonable.

So who's going to buy Chuck's old call sign?
Does he have to wait 2 years to buy it?

I have had my call sign since the beginning.
I don't know if I would give it up or not if I moved.

Jim, WD9EYB

Date: Wed, 14 Jul 1999 09:33:07 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [45092] Re: QRPTTF
Message-ID: <2bc201bece16\$9132f1f0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I believe that the date and theme of next year's QRPTTF is
traditionally set during the late evening QRP Inter-Organizational
Coordinating Conference at Ft Tuthill, AZ. This is but a week and a
half away.

Mike K1MG

>Has a date been set yet for the QRPTTF?
>
>Thanks,
>
>Ron, KU7Y

Date: Wed, 14 Jul 1999 12:35:58 -0400
From: notajock@juno.com
To: qrp-l@lehigh.edu
Subject: [45093] A Couple of Things
Message-ID: <19990714.123600.-1883.0.notajock@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a heads up for those who may be interested. Sometime after 1600 EDT today, National Public Radio will have a feature segment on the closing of the last marine cw station. Check out your local public radio station for the news show "All Things Comsidered".

Secondly, can anyone sed me the url for the 2n22/40? I have it here somewhere.....

Bob WA9LSD

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 14 Jul 1999 10:43:27 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [45094] QRP SNitchbox
Message-ID: <199907141641.KAA05133@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has any one seen the article in World Radio for August by KI6SN (congrats) sounds like a great little assorie to have in the shack. Worth the time to read the article 72 Cal KF7ET

Date: Wed, 14 Jul 1999 12:38:53 -0400
From: Gary Montalbine <garymon@gte.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>

Subject: [45095] 75 ohm balanced line?
Message-ID: <378CBD1C.70DF16E6@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have some RG-59 dual lead coax that I picked up at navy surplus. It may have been in storage 8 - 9 years. It is two individual lines joined together by a vinyl case. The center lead is copper and the shield is aluminum. I read somewhere that this could be used as balanced line. I have not tried it yet as a balanced line. I have each individual lead going to a separate antenna. I would be willing to sell it for the cost of postage and handling.

73,
Gary WA4SZI
Knotts Island, NC - just south of VA Beach, VA

Date: Wed, 14 Jul 1999 12:33:56 -0500
From: Randy Randall <RANDALLR@Healthall.com>
To: w1hue@amsat.org, qrp-1@Lehigh.EDU
Subject: [45096] Re: EMI/RFI Shielding Paint
Message-ID: <s78c8c6b.006@Healthall.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Mendelsons Electronics in Dayton Ohio had some in stock for \$7.50 a quart can. It had been setting around a while and some of the solvent had evaporated in the can. I added lacquer thinner and had it shaken at the paint store for a couple of min. and it was as good as new. Hope this helps.

Randy.

p.s. The stuff hates plastics! Do not get any overspray where you do not want it or your project will be scarred for life! : '<

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati

3200 Burnet Ave. Room 4618
Cincinnati, Ohio 45229
Ph. 513-585-7146
FAX 513-585-7159
E-mail randallr@healthall.com

>>> Larry East <w1hue@amsat.org> 07/14 9:57 AM >>>

Well, you experts out there have failed me this time! :-) No one has come up with a source for EMI/RFI Shielding Paint! The stuff is made by GC Electronics and is not listed by any of the usual electronics supply houses. I enquired at the local electronics parts place, and they can special order it -- at about \$35 per 8-oz spray can! If I order a whole case (12 cans), I might be able to negotiate a price in the range \$25 - \$30. Anyone know of a less expensive source? Anyone interested in a "group buy" of this stuff for, say, \$28 per can shipped??

The stuff really does work, by the way. I've used it to eliminate RFI from computer monitors (by spraying the inside of the case) and as an RF shield on the inside of plastic cases for antenna tuners, QRP rigs, etc.

72, Larry W1HUE/7

!

!

Date: Wed, 14 Jul 1999 12:53:55 -0500
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: n0ur@yahoo.com, qrp-l@lehigh.edu
Subject: [45097] Re: QRP ARCI
Message-ID: <378CCEB2.B0418F03@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Jim - -

I wasn't in the contest, but my ARCI number is just over 10K. Think it's 10017 if I recall correctly. BUTTTTT, my ARS number is 72. Eat your heart out y'all.

72's es 73's,

Brad, W5CGH

Date: Wed, 14 Jul 1999 13:23:26 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <notajock@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45098] RE: A Couple of Things
Message-ID: <000001bece1d\$95781180\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The URL is: <http://www.qsl.net/k8iqy/>

Thanks for the info on NPR too.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> notajock@juno.com
> Sent: Wednesday, July 14, 1999 12:36 PM
> To: Low Power Amateur Radio Discussion
> Subject: A Couple of Things
>
>
> Just a heads up for those who may be interested. Sometime after 1600 EDT
> today, National Public Radio will have a feature segment on the closing
> of the last marine cw station. Check out your local public radio station
> for the news show "All Things Considered".
>
> Secondly, can anyone sed me the url for the 2n22/40? I have it here
> somewhere.....
>
>
> Bob WA9LSD
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.
>

Date: Wed, 14 Jul 1999 10:38:29 -0700 (PDT)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: Chuck Adams <adams@ticnet.com>, qrp-l@lehigh.edu
Subject: [45099] NEW CALL
Message-ID: <19990714173829.22509.rocketmail@web214.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello Chuck - -

Congratulations on applying for the new call. When I moved down here in 1980, I said I had no interest in changing callsigns, mainly because I'd had WB0CGH "forever", and couldn't stand (still can't!!) the 2X1 and 2X2 calls that were all that was available then. But when they reopened the vanity system two or three years ago, I began to think about it. Then when they lowered the price to \$13 last year I seriously began to think about it. W5CGH was available and I jumped on it.

You won't have to wait long. I enetered my application "on line" on November 2nd, mailed my money order on November 3rd, and on November 24th (22 days later, count'em, 22 days) they posted my new call to the web page. Now compared to the days of old when we waited for months to hear anything from the FCC, they've really moved into the 20th century! I even sent them e-mail (e-mail!!!) to give them a pat on the back. Pretty slick.

Sorry you only took 2nd in Vegas.

Oh, well.

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE	Systems Engineer
W5CGH (ex WB0CGH)	Raytheon Systems Company

Real men talk with their fingers!!

NORTEX	QRP-L #377	QRP-ARCI	SMIRK #4906
ARS #72	NORCAL	Austin QRP Club #e	

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 14 Jul 1999 10:53:13 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <alan.kaul@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [45100] Re: out-of-call-district callsigns
Message-ID: <008901bece21\$bf4279c0\$e2424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Alan Kaul <alan.kaul@worldnet.att.net>

> ...participants should be required to sign using /# so the
station on the
> receiving end has some idea of where he/she is ...
(unless, of course, the
> station is portable in the same district in which his call
sign suggests he
> is (i.e. w6rcl/6)).

Actually, that's the way the rules used to be. I remember
having to sign
W9LFP/9 when on vacation a hundred miles from home.

I've had K6QQ (assigned randomly by the FCC) for some 25
years now, and
kept it while moving up and down the left coast. Glad I
did, since I'm
now retired in CA.

72,

John, K6QQ
Alturas, CA, at the junction of HWY 299 and HWY 395.

Date: Wed, 14 Jul 1999 13:58:12 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [45101] all things considered..
Message-ID: <378CCFB4.84FD4D9D@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

in case someone misses the show today (the one on cw).. on all things
considered.. you can listen to it via realaudio at:

<http://www.npr.org/programs/atc/>

i seem to have to catch everything that way, since i am never by the
radio at the right times..

they don't post it until the next day, so you won't be able to hear it
until tomorrow..

--

peace,
sergio
<http://www.bright.net/~sruiz>
"the village buzz"

Date: Wed, 14 Jul 1999 14:12:56 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [45102] FS - Kenwood and accessories
Message-ID: <000101bece24\$81f1bb00\$eaa3fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

After attending my first QRP club meeting (WestFLA QRP) I have decided that
QRP is the way I want to go (exclusively).

Therefore, I offer to the combined QRP-L, First (before any other lists) the following;

Kenwood TS440S - Mint, never mobile, non-smoker. All mode (incl. FM) 10M - 160M

with 500Hz CW filer and 1.8 Khz SSB filter, also has \
automatic antenna tuner- complete with power cable,
microphone
and original manual - \$725

MFJ 969 Roller inductor tuner - tunes 160M to 6M, as new with manual - \$140

Timewave DSP9+ DSP audio filer - Like new with manual and box - filers for
CW, Voice and
most digital modes - \$160

To dicker or if you have any questions I can be reached most days at work,
800-330-0030 x122 or email goodroe@worldnet.att.net

Thanks and 73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

Date: Wed, 14 Jul 1999 11:23:39 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [45103] 6 Meter QRP freq??
Message-ID: <378CD5A6.2F0C018@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

ok...we have 7.040 and 14.060...any suggestions as to what the 50.0xx
freq is or should be? .095?

--

@@
72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441
NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2

Date: Wed, 14 Jul 1999 14:33:14 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [45104] French QRP
Message-ID: <Pine.GSO.4.10.9907141412260.9512-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Although we do not hear much of what is going on in QRP in France, I just received a copy of Megahertz: Le mensuel des passions de radiocommunication, a French Magazine edited by Denis Bonomo, F6GKQ. The cover photo is a 40-m SSB transceiver by K6BQU. Although not described in this (July) issue, it does indicate that there is considerable QRP interest in France. The cover photo blurb on page 5 translates roughly "Do not forget your portable equipment, QRP of course."

Megahertz is an excellent example of modern magazine production, with color on every page and a wide spectrum of articles ranging from several very technical projects to reviews to reports of activities. The 96 page magazine has a cover price of 27 F. They have begun (under construction) a web site at <http://www.megahertz-magazine.com> and can receive e-mail at mhzsrc@wanadoo.fr.

Fascinating to see la TSF used in print, even though hams are radioamateurs nowadays. (Telegraph without wires was the long time name for radio in France.) Also interesting to learn that CBers are called Cibistes (rough pronunciation for those with American English only: [Sea beasts]).

Just thought I'd pass this along, since it would be nice to hear more about QRP in France and other countries from which we hear all too little.

-73-

LB, W4RNL

Date: Fri, 09 Jul 1999 04:59:11 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: k5oi@zianet.com, qrp-l@lehigh.edu, w5xe@juno.com

Subject: [45105] Re: out-of-call-district callsigns
Message-ID: <3785D5FF.FC1C238A@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Probably a lot more than me, but I also happen to agree with you and Chuck. Just wait until they start issuing the U.S. Cept permits - how many will operate with home calls without the stroke VE, G, UL or whatever. The bucket will get bigger.
Ray
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 14 Jul 1999 10:44:58 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@Lehigh.edu
Subject: [45106] Fw: going, going, gone
Message-ID: <19990714.113758.-275159.1.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Marv Fagenson
k6hcj@Juno.com

----- Forwarded message -----
From: "Shryne, James" <Shryne@mednet.ucla.edu>
To: "Bill Chaney (E-mail)" <wbchaney@earthlink.net>,
"Bill Stein (E-mail)" <steinwa@earthlink.net>,
"Bob Embry (E-mail)" <KE6RVB@aol.com>,
"K6QWH Howard (E-mail)" <k6qwhgra@juno.com>,
"Ken Hall (E-mail)" <KJH62@aol.com>,
"Marv Fagenson (E-mail)" <k6hcj@juno.com>,
"Richard Gayek (E-mail)" <RJGayek@aol.com>,
"Roy Graboff (E-mail)" <wolfie@earthlink.net>,
"Steve Wardlaw (E-mail)" <swardlaw@earthlink.net>, "Shryne,

Rachael" <RShryne@mednet.ucla.edu>
Date: Wed, 14 Jul 1999 09:36:49 -0700
Subject: going, going, gone
Message-ID:
<1B14A1526DF8D01190A000805FA76022D424A4@medmail4.mednet.ucla.edu>

...-.- .- . .- -.-. -.... -.-. ...-

Wednesday July 14 1:50 AM ET

It's Taps For U.S. Telegraph - Last Dots Dashed Out

By Andrew Quinn

SAN FRANCISCO (Reuters) - It's finally taps for U.S. ship-to-shore telegraph, drowned out by the high-speed chattering of satellite communications, high frequency radios and e-mail.

Globe Wireless, an 89-year-old California communications company, Monday sent out what it billed as the last commercial maritime Morse Code message from North America, a terse sign-off that repeated the first words transmitted by the telegraph's inventor, Samuel F.B. Morse, 155 years ago: ``What hath God wrought?''

The message, sent from Globe Wireless' KFS Marine station at Half Moon Bay south of San Francisco, marked a muffled end to the U.S. tradition of commercial radio telegraphy, famous for the dots and dashes of Morse Code, company official Tim Gorman said Tuesday.

``The satellite started coming in in the early 1980s, and there were great advances in voice radio and radio telex,'' Gorman told Reuters. ``But there was nothing over all those years that could replace Morse Code for its simplicity and reliability.''

Globe Wireless gathered several old-time telegraph operators for a small ceremony marking the event, the gleaming telegraph key now surrounded by banks of computers and video screens used for more modern forms of communications.

``It's a sad event for me, but I know it's for the best,'' said Dalton Bergstedt, 92, a one-time manager of the Half Moon Bay facility. ``It will improve maritime communications (to be) much better than they ever were.''

After Morse invented the telegraph, he devised Morse code for use with his new invention. In 1844, testing the new system, he telegraphed the words ``What hath God wrought?'' from Washington D.C. to an assistant in

Baltimore.

The telegraph and Morse Code quickly became the backbone of long-distance communications around the globe.

Perhaps the most famous single Morse Code message was the distress call sent by the foundering Titanic in 1912 -- ``Come at once. We have struck an iceberg''.

As maritime traffic rose and through two World Wars, the simple telegraph, known as ``continuous wave'' or ``CW'' transmission to the experts, remained a spare, cheap and effective means of communicating across vast distances.

``If there's static and you get only half the letters in a Morse Code message you can still make it out, but if you only hear half a conversation, that's no good,'' said Gorman, who began working at KFS Marine in the late 1970s.

Nevertheless, the last three decades have seen a major shift in maritime communication, and the radio telegraph's fate was sealed when the International Marine Organization, a U.N. agency, ordered commercial ships to replace the telegraph with new technology dubbed the Global Marine Distress and Safety System by February 1, 2000.

Instead of typing out the dots and dashes of the famous ``SOS'' signal, communications officers on modern ships can simply push a button indicating a specific problem: sinking, capsizing, dead in the water.

Morse Code and the radio telegraph are currently used only by smaller ships from developing countries, as well as certain Russian and Chinese vessels, Gorman said.

The Globe Wireless station at Half Moon Bay, as well as other former commercial radio telegraph facilities already taken off line, will now be used for the company's new communications product -- GlobeEmail, company officials said.

Gorman said that before the final sign-off, KFS Marine did relay one last telegram from the National Liberty Ship Memorial, the SS Jeremiah O'Brien, in San Francisco Bay to President Clinton in the White House.

``The message was 95 words, and it took me six or eight minutes to copy it,'' said Gorman, who took down the Morse Code message from the ship. ``Then I just transmitted it to the White House via e-mail.''

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 14 Jul 99 12:47:06 -0600
From: Jack Reed <wa7lnw@infowest.com>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [45107] NC-20 AFA replacement chip ? de Jack,WA7LNW
Message-ID: <19990714184439.E3F7B20F28@infowest.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hello fellow NC-20 owners / operators,

Good news.....I recently took Doug up on his generous offer to provide replacement LM78L08 voltage regulators to NC-20 owners suffering from chirp and pulling of their transmitted CW signals. The new 8 volt regulator completely cured the pulling on my NC-20's CW signal!

Bad news....for some unknown reason, following my installation of the regulator...my AFA stopped functioning. Checked for the usual in and around my install on the PC board...but nothing obvious.

Began checking test voltages as listed in the construction manual....everything seems to check out. I don't have a scope...so cannot check the 100Khz crystal (X8) for proper operation etc.

So I suspect it may be my AFA chip, "12C508A" ??

Anyone know where I can find a replacement AFA chip?

Any advise and information would greatly be appreciated.

73's

Jack, WA7LNW / QRP Utah

Date: Fri, 09 Jul 1999 05:09:06 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu, w5xe@juno.com
Subject: [45108] Re: Reflections
Message-ID: <3785D852.27C25473@rgfn.epcc.edu>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed, thanks for the info on the reprint of the Maxwell info. Has there been any discussion there about reproducing the software disk that was with the original "Reflections" book? That would be a nice addition as I know of others that have found the book less the software. Thanks again.

73
Ray
--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Wed, 14 Jul 1999 12:42:56 -0600
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu
Subject: [45109] Going to La Jolla
Message-ID: <18425667168098@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anybody in the La Jolla area want to chew the fat? I'll be at the Radison in La Jolla and will be free tonight and maybe Friday night. I'll buy at least the first round. I've "postponed" from QRP-L and won't be back on e-mail until Saturday. Waiting on the airport shuttle as we speak.

Tim Pettibone K50I

Date: Wed, 14 Jul 1999 11:52:14 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [45110] Ft. Tuthill YES!
Message-ID: <3.0.6.32.19990714115214.0084d950@fix.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

What a GREAT SHOW !

The prize list continues to grow:

>From MorseExpress/Milestone Technologies/OHR and
Marshall Emm a WB9ZKY Island Memory Kit, to add
memory to any electronic keyer.

A Gell Cell Charger from Chuck Adams K5FO.

A couple of QRP-L CD's from Roger Hightower N7KT.

The list of attendees continues to grow and the
announced neat things happening gets bigger too!

Ed Hare W1RFI of the ARRL LAB, the official
ARRL HQ representative says he will have an
original Tuna Tin 2 set up as W1AW/7/QRP at the QRP
symposium at the ARRL AZ State Convention.

<p>

A QSL a nice certificate are available for a 9X12" SASE
(44 cents postage required) to all who work the
Tuna Tin 2. QSL via ARRL HQ.

Stop by the ScQRPions booth and operate the Original
Tuna Tin 2. Bring a copy of your license with you.

Dr. Megacycle says:

If you are gong to Tuthill start thinking questions
to stump the doctors!

Kent Torrell, Chuck Adams, and James Duffey are in
a question and answer panel in the QRP Forum at Ft. Tuthill.
Try to think up a question to stump Kent and Chuck! I am
easy to stump. We are avaiable to answer such questions as:
Do I need a balun?, Will my vertical work without radials?,
What is the best QRP rig (Chuck??), Can I use insulated wire
for an antenna?, How about Q-Dope?, What is the best restaraunt
in Flagstaff?, Is it true that there is a barstool in Casey's
Other Place (Lincoln, NE) with Dr. Megacycle's name on it?

Bring em on, we can answer them. Technical answers with humor.
We may get some answers correct. See you at Tuthill!!

- Dr. Megacycle KK6MC/6

It has been reported that Doug Hendricks KI6DS and his

lovely wife JoAnne may be trying to set a new distance
raveled to and time enroute record to Ft. Tuthill.

This has gotta be FUN!

So here is the deal. Ft. Tuthill is now less than a week and a half away!

The AZSQRPions have lined up an All Star cast for the seminars as follows:

0900-1000 Paul Harden NA5N... Propagation, Regenerative receivers, etc.

1000-1100 Ron Stark KU7Y & Chuck Adams K5FO.... QRP contesting

1100-1200 Ed Hare W1RFI ...RF Interference to Hams
... Lunch

1300-1400 Dr. Jim Duffey KK5MC , Dr. Kent Torell AB7OA , Dr. Chuck Adams K5FO
.....The Doctor is in
..... (Questions from floor and Answers?)

1400-1500 Dan Tayloe N7VE.... The Tayloe Switching Mixer

1500-1600 Gary Surrency AB7MY....Modifications to the Norcal 20 meter
transceiver

1600-1730 Notables(Dave Benson waves at crowd, etc. Others to be
determined)

1600-1800 qrp building contest judging - Doug H, Chuck A, Paul H

1800-0200 camp BBQ, etc.

Bob Hightower KI7MN says "Saturday evening is the bring your own meat
cook-out, with the other edibles being provided by the ScQRPions. This is
always a lot of fun, and has traditionally been the birthplace of some fine
contests, such as FYBO, BUBBA, the run for the borders, etc. We'll see what
the group comes up with this year".

Add to that this GREAT prize list:

A certificate good for one DSW40 (or band of choice)

from ARCI

Red Hot rig from Dave Fifield of Red Hot Radio

A Norcal 20 from the Northern California QRP Club

Compact iambic key/keyer with knee mount
from Bob Hammond of The Paddlette Company

One Fireball 40 QRPP Tx + 1.5W Amp and TiCK Keyer options
from the New Jersey QRP Club
This FB40 is s/n 600 the *last* FB40 kit to be produced, they are now
all gone!

SuperTICK keyer kit and a TICK-4
EMB from Brad and Gary, the TICK guys at Embedded Research

A Custom NorCal 20 Enclosure
from Doug Hauff KE6RIE

Two VE3DNL marker generators
from Jay Bromley and the Ft. Smith QRP Club

Three PK-2 keyer chips with documentation
from Chuck Olson WB9KZY at Jackson Harbor Press

A W6MMA St. Louis Vertical from Verne Wright W6MMA

A couple of NorCal shirts from Jerry Parker and the NorCal QRP Club

Three one-year subscriptions/renewals to the QRP Quarterly
from QRP ARCI

A one year subscription or renewal to QRPP
from Mike Czuhajewski WA8MCQ

One gell cell charger from Chuck Adams K5FO

A WB9ZKY Island Memory Kit, to add memory to any electronic keyer,
from MorseExpress/Milestone Technologies/OHR and Marshall Emm

A couple of QRP-L CD's from Roger Hightower N7KT
Word has it there is even MORE coming!

Check out the suppliers web pages. Our QRP suppliers continue to go the
extra mile in supporting our HamFests! Let them know WE appreciate them!

Best of all there are those attending, you know, the ones you have worked on the bands, read their articles in the publications, used equipment they have designed, built, manufactured etc., bought/traded equipment with, exchanged ideas on QRP-L with, you know, folks like YOU!

Check out this list of almost 60 preregistered already!

1. Bob Hightower KI7MN
2. Bertie Hightower N7XJW
3. Brian Kassel W5VB0
4. Mike Connor NQ7K
5. Kent Torell AB70A
6. Joe Gervais AB7TT
7. Roger Hightower N7KT
8. Dave Kelley AI7R
9. Linda Kelley N7WMI
10. Ron Stark KU7Y
11. Chuck Adams K5F0/7
12. Jim Duffey KK6MC
13. Dan Tayloe N7VE
14. Paul Harden NA5N
15. Scott Hogin K7ZEN
16. Dave Benson NN1G
17. Dave Fifield AD6A
18. Ed Hare W1RFI
19. Jim Cates WA6GER

20. Doug Hendricks KI6DS
21. Larry Wise KA5T
22. Doug Hauff KE6RIE
23. Jerry Parker WA6OWR
24. Gary Surrency AB7MY
25. Melissa Surrency KB7MML
26. Jay Miller WA5WHN
27. Judy Miller WB5LYJ
- 28 Tom Whalen WB5QYT
29. Jerry Haigwood W5JH
30. Maryjane Hogin KD7CKN
31. Sam Imai KF6ML
32. Bob Cortez KF6CXC
33. Gody Siason AC6UV
34. John Moriarity, K6QQ
35. Bob Parks K6AEC
36. Jeff Davis, N9AVG
37. Tim Pettibone K5OI
38. Jim Boyle K6JMB
39. Sally Boyle K6X0X
40. Norm Melick KQ6SD
41. Veda Henson KF6HSK
42. Floyd Smithberg NQ7X
43. Larry East W1HUE

44. Mark Monninger AA7TA
45. Mary Monniger N7XUZ
46. Steve Schroder KI0KY
47. Jeff Johnson KJ7L0
48. Jamie Johnson KC7MQY
49. John Nystedt KJ7YN
50. Jim Lowman AD6CW
51. Judy Lowman W6YBS
52. Dave Yarnes W7AQK
53. Bert Davidson W2G0B
54. John Humphrey W4IM
55. Bill Chambers N6GDY
56. Greg Farkas AK7Y
57. William Phinizy K6WHP
58. Gary Hembree N7IR
59. Linda Trujillo
60. Nick Kennedy WA5BDU
61. Verne Wright W6MMA
62. Carol Stark
63. Richard Kendrick N7NT
64. Gary Scott KT7K
65. Gary Bonebrake W5BI
66. Denny Adamson, K8MSC
67. Jan Medley N0QT

- 68. Bob Nielsen W6SWE
- 69. Niel Skousen WA7SSA
- 70. Hal Bergeson W0MXY
- 71. Don Vester KH6JT
- 72. JoAnne Hendricks
- 73. Dick Brummer K2REB
- 74. Pat Brummer W2PAB
- 75. Thomas Kuehl AC7A
- 76. Jim Serilla W7LM

Loretta Parker N6WGC is making special PreRegistration Name Tags for you too!

Niel Skousen WA7SSA says he will be bringing a scope and service monitor (IFR-1500) if you need to test something.

Finally there is the SCQRPions "Home Brew Contest"! Check the link out below on this one.

I Love this Hobby!

C U THERE,

72, Jerry WA6OWR...K

Date: Wed, 14 Jul 1999 14:13:14 -0700
From: "Jerry Bartachek" <jbartac@max.state.ia.us>
To: qrp-1@Lehigh.EDU
Subject: [45111] RE: Neat QSO with fellow QRP-Ler [LONG]
Message-ID: <378CFD6A.654E@max.state.ia.us>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I hardly know how to respond to Chuck's posting about the quality of my fist. I was truly honored to have Chuck call me for a chat, and I appreciate how much he has given to the QRP community. His comments made me blush. Never had anyone brag on my like that. It was a very neat QSO for me, too, Chuck.

I never really thought of my fist as any better than "pretty good". You know like on the Prairie Home Companion radio show on PBS, where Garrison Keillor tells about Ralph's Pretty Good Grocery in the mythical Lake Woebegon. "If Ralph doesn't have it, there's a good chance you can get along without it." Therefore, if you can't copy my fist, you probably didn't need to know what I was blabbin' about anyways. :-)

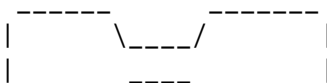
As for the quality of my fist, I have very few secrets but will briefly share what I know.

1. I am an amateur musician (piano, guitar, 5-string banjo, etc.) and currently play piano for a southern gospel quartet. QRP-L members in the SE USA may have to explain southern gospel to northerners, Hi. Let's just say it is church music on steroids! And how I love those rhythms. Musical ability helps CW, but is NOT a prerequisite for having a good fist.

2. Listen to code practice tapes at least a few times during one's ham career. You have to know what it is supposed to sound like in order to perform it. Priodically listen to W1AW practice, a tape, or code tutor.

3. Periodically send very slowly. Now and then work neophytes at 5 - 10 wpm, or send text to yourself slowly on a practice oscillator. Good banjo players have to be able to send the finger pickin' slowly and accurately in order to play well at full speed with a blur of staccato notes. Same on CW.

4. My secret weapon on my 1996 Vibroplex Original, is that I have committed an unpardonable act in modifying the mainspring on my bug! I chose to limit the dit speed so I can send between approximately 18 and 28 wpm rather than real QRQ CW. I have filed away a portion of both the top and the bottom edges of the mainspring in order to weaken it. It now looks a lot like one of those "breathe rite" nasal strips. See below:



One could get a "bug tamer" extension from Mitch at Vibroplex to get that weight way out on the end of the pendulum to achieve the same effect. But making good CW on a bug is more than just getting the dits slow enough to match the dah speed. You still have to know what proper CW sounds like.

<http://www.mtechnologies.com/cootie.htm>

Date: Wed, 14 Jul 1999 15:25:30 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@lehigh.edu, njqrp@njqrp.org
Cc: QRP-L@lehigh.edu, Bensondj@aol.com
Subject: [45112] GM-15 Completed (Sorta)
Message-ID: <3.0.6.32.19990714152530.007f87e0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

N2CQ@ARRL.NET

Date: Wed, 14 Jul 1999 15:41:05 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: njqrp@njqrp.org
Cc: qrp-l@lehigh.edu
Subject: [45113] Closet QRPers
Message-ID: <852567AE.006C1BC3.00@mail2.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I keep a 2-meter HT in the car and sometimes listen in on the local repeaters here in northern New Jersey on my way to and from work. Rarely do I transmit; usually, I don't make the repeaters well with the duckie on the radio from inside the car.

So yesterday morning I'm listening in on two OTs chewing over the new QST. One of them brought up the nice little piece by Jim Hale, KJ5TF, about milliwatting. And the other promptly confessed to having done quite a bit of milliwatting in the past with homebrewed transmitters. In fact, he said he'd gone to the trouble of calculating all the losses in his antenna system and arriving at an estimated radiated power of 140 mW. At that output level, he claimed to have worked stations all over the Pacific Rim a couple of sunspot cycles ago.

It just bears out something that K5F0 has always maintained: that there are a lot of closet QRPers out there. It also goes to show that when QST runs stories like that, it **does** catch an eye or two and maybe gets them thinking about turning down the wick. Yesterday was one time that I **desperately** wanted to chime in on the repeater but demurred. Maybe I'll catch those gents again sometime... do a little "evangelizing."

72,
David N2SMH
Glen Rock, NJ

obQRP: K2 Serial #265 in progress as of last night... more later. WHAT A KIT!!!

Date: Wed, 14 Jul 1999 15:53:34 EDT
From: MertNellis@aol.com
To: qrp-l@lehigh.edu
Subject: [45114] FT840 Narrow Filter

Message-ID: <a830449d.24be44be@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone at FDIM in Dayton last May mentioned that a narrow filter was available from somewhere for the FT840 but I didn't get the source or remember the person.

If someone could send me a note with info on where to get the narrow filter (besides Yaesu of course). The stock item from Yaesu is not very narrow. I use the FT840 for some of my QRP work when not using the NC20.
Thanks and 72, Mert W0UFO

Date: Wed, 14 Jul 1999 15:51:05 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: k6qq@hdo.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45115] Re: out-of-call-district callsigns
Message-ID: <3.0.5.32.19990714155105.00808bc0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, so can you actually sign in this manner still? lets say I were to visit the left coast, but I won't so don't worry you guys in CA are safe, but I digress.

Now I'm n3byy so could I sign n3byy/6?
why not.

72 de Scott/n3byy

Date: Wed, 14 Jul 1999 15:59:37 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Kevin Muenzler WB5RUE <wb5rue@stic.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45116] RE: When to stop using the old call
Message-ID: <Pine.OSF.3.95.990714155816.1486B-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 Jul 1999, Kevin Muenzler WB5RUE wrote:

> Your old call is in "limbo" for two years after it is considered unused. I

> kept my old call, why spend the extra bucks to get a "cool" one when the one
> you got is free?

Because the old one was terrible on CW. Try using WB8ZJL for 21 years!
Read up on vanity calls on the QRP-L CD-ROM! My whole story is in there.
:-)

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 14 Jul 1999 16:00:31 EDT
From: Macstein@aol.com
To: w1rfi@arrl.net, qrp-l@lehigh.edu
Subject: [45117] Re: Reflections
Message-ID: <a16decca.24be465f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/13/99 1:44:41 PM Eastern Daylight Time, w1rfi@arrl.net
writes:

>
> It was more work than we thought, but the Reflections article series has
> been scanned, OCR'ed and turned into an Adobe PDF file, which can be
> downloaded from the ARRL Web site.
>

Ed,
Thanks for the announcement and thanks to whomever put the effort into making
this available. I've been looking for this for a while!

-MAC-
KF4KSM

Date: Wed, 14 Jul 1999 14:36:49 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu

Subject: [45118] For Sale -- "Boat Anchors"
Message-ID: <3.0.3.32.19990714143649.00906e70@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's a couple of irresistible items for you boat anchor fans out there!

Item #1: Gonset GSB-100 Transmitter

This little (!) jewel has the following features:

- Covers 80,40,20,15M and two 600kHz segments of 10M (internal VFO)
- CW, SSB (USB and LSB, selectable), AM and PM(!)
- About 65W output on CW and SSB, about 25W on AM
- Single 6DQ5 final, pi-network output
- Specs claim spurious emissions to be down by more than 50dB, SSB carrier suppression better than 60dB, unwanted sideband suppression better than 40dB
- 19-in. rack mount, in table-top cabinet.

This thing is in top-notch physical condition -- I haven't used it for several years, but I'll make sure it's working if anyone wants it. The only mods are as follows:

- 5U4 rectifiers replaced with Si rectifiers
- Push-to-talk capability added (originally just VOX)
- Speech limiter (of questionable effectiveness...) added

I have the original manual.

(I made lots of contacts using this thing and an NC-300 receiver when I got back on the air in the mid 70's... Sorry, I sold the receiver long ago; don't know why I kept the transmitter.)

Item #2: Regulated 0-1000V, 0.5A DC Power Supply

That's right, continuously variable 0 to 1000V output, up to 0.5A. Has large front panel meters for voltage and current. Uses a bunch of 6146's in parallel for active voltage regulation (can't recall exactly how many). 19-in rack mount, no cabinet. No manual. "Industrial Quality" construction. Big variac and lots of 6146's ... :-)

I figure that each of these little gems is worth around \$100 (ea), but final price will depend on whether or not I find any storage and/or age related problems when I fire 'em up. Shipping could be a problem, as they are both pretty heavy. If anyone going to the Ft. Tuthill hamfest is interested in either or both, I can haul them down there.

Oh yes -- the Gonset transmitter output is variable down to essentially zero, so it DOES qualify as "QRP ready". The power supply is another matter tho... :-)

Send email to w1hue@amsat.org or w1hue@arrl.net if you are interested...

72, Larry W1HUE/7
Idaho Falls, ID

Date: Wed, 14 Jul 1999 15:55:33 -0500
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-1@Lehigh.EDU
Subject: [45119] Re: Closet QRPers
Message-ID: <199907142055.PAA11769@email.uah.edu>

With all of the cheap antenna tuners and lousy coax floating around I'd imagine that there are quite a few hams who are QRP'ers without realizing it!

73 Bryan W8LN

> And the other promptly confessed to having done quite a bit of milliwatting in
> the past with homebrewed transmitters. In fact, he said he'd gone to the trouble
> of calculating all the losses in his antenna system and arriving at an estimated
> radiated power of 140 mW.

Date: Wed, 14 Jul 1999 14:14:43 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: k7gt@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45120] Re: out-of-call-district callsigns
Message-ID: <378CFDC3.431D4C2@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Allan G Taylor wrote:

>
> I beg to differ with Chuck, K5F0 (soon to be /7!). In almost all cases
> where someone has a call out-of-district there is a story. Here are a
> few...

<much interesting stuff deleted...>

> If the FCC doesn't require it, PLEASE PLEASE don't ask the ARRL to

> require it!

Allan makes several good points here, which I won't include because you've seen them already, no doubt.

It's fair to say that there are good points on both sides of the issue. My original callsign was WA8RWL in MI in 1966. After that, I had my first 2x2 callsign in Japan, courtesy of Uncle Sam and the USAF, which was KA2JL. My last three years of an eight-year commitment were here in SoCal, where we decided to settle. In 1978, when my Advanced ticket came due for renewal, I opted for a sixth-area callsign, inasmuch as this was home for the long run. That's when I got KF6CR, a callsign that I really hated to give up.

Other than Field Day, I was pretty much inactive from 1975-1995, due to the demands of college and career. When I returned in 1995, the QRP bug bit hard.

In 1997, I got the Extra ticket that I should have had back in the 60s, but never seemed to make the trip to the local FCC office as I had done for the two previous licenses. Quite honestly, when I indicated that I wanted a new callsign on the form 610, I had NO idea where we were in the sequential callsign assignments. Luckily I got AD6CW, which most folks seem to think is a vanity callsign. Even though it cost a lot more than \$13 for a vanity callsign in 1997, there were still several good 1x2s available in the 6th area. Plus, I could always get KF6CR back.

On one hand, I think it would be a shame for a ham to be forced to give up a callsign he had for many years, just because he retired and moved to another call area. On the other hand, as others have stated, it's nice to know where someone is, geographically speaking, from the callsign.

My only comment is that it's sometimes frustrating to work a KH6 or KL7, in a contest where the section is a multiplier, only to find out that the operator is in AZ or WA. But, requiring identification as portable would put an operator at a definite disadvantage in a contest.

Seems to me that the current policy is the most equitable to all.

Only gripe I currently have about licensing is allowing Techs to get certain callsign formats under the Vanity Callsign System. My wife (Judy, W6YBS) has been in the hobby about two years, yet W6YBS looks a lot more like an OT callsign than AD6CW! :-)

72 de Jim - AD6CW

Date: Wed, 14 Jul 1999 14:31:31 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [45121] Re: Milliwatting Article in QST
Message-ID: <19990714143131.A757@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

All this talk about the milliwatt article....

I'm still waiting for my August QST.

de w6swe (/7 for you hardliners)

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Wed, 14 Jul 1999 15:00:53 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [45122] RE: Propagation Primer 101
Message-ID: <001001bece44\$57a6cdc0\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Paul,

I read your well written primer with great interest and I learned a lot. Can you also explain what the A and K indexes mean? For example, I've noticed that when the A index is high (>10), the band are very noisy. Is this correct?

Thanks & 73s,
Kory
AC6RN

Date: Wed, 14 Jul 1999 18:07:04 -0400
From: Steven Mann <smann@advi.net>
To: ianpurdie@integritynet.com.au
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45123] Re: Dr. Megacycle - Razor Blade
Message-ID: <378D0A08.5C85362D@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I can make a pack of razor blades last indefinitely by not shaving.

N4EY

Date: Wed, 14 Jul 1999 15:09:08 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: MertNellis@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [45124] Re: FT840 Narrow Filter
Message-ID: <Pine.GS0.4.10.9907141506490.23311-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mert,

Here is the info right from their home page:

E-Mail

INRAD@rosenet.net

Web

<http://www.QTH.com/inrad>

Telephone

1-541-459-5623

HOURS: 9 AM to 1 PM Pacific time (16-20 GMT), Tuesday through Saturday **

FAX

1-541-459-5632

Mail

International Radio

13620 Tyee Road

Umpqua, OR 97486

** Our advertised telephone sales hours are 9am to 1pm, Pacific time, Tuesday through Saturday. However, we work out of our home and we are usually here and when we are here, we answer. So, feel free to try us anytime (within reason) and if we are not here, we will return the call.

Standard disclaimer....just a satisfied customer.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 14 Jul 1999 18:10:29 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [45125] W / R antenna..... Oh Yes!
Message-ID: <19990714.181141.-226471.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang:

well I did it... I got the best of that monster...
I have been unsuccessfully trying to put up another three element forty meter beam without using the heavy hand rail dowels...
I wore out one pair of gloves and my hands are looking well used... but it's up... and pointed at new mexico or arizona.... swr at 7.05 is ziltch.... and less than two to one at 7.233mhz....
I used only 22ft spacing for the director and 28ft spacing for the reflector, so according to the book I have (an old arrl ant book) I could

have up to 7db gain over a dipole at the same height.... height being better than 35ft at any point...

What kept giving me a problem was the bridle for the dowels the thing kept getting caught up in branches and distorting everything.... Finally I decided to shorten the antenna a bit... so on one side... I connected the director directly to the dowel.... I then I moved the driven element four foot closer to the dowel.... this left two feet of wire dangling... then I moved the reflector four feet closer to the dowel this left four foot of wire dangling...

The reason I made the adjustment of four feet to all elements was so I could keep all the elements centered.... or centers of the elements in a straight line...

On the other side I used ROPE from one tree to another... just happen to have two in the right places.... I spaced the director four feet from the rope (spot where I tied it to the rope) came back 22ft and tied the driven element directly to the rope instead of 2ft away (this was to compensate for the rope bending as I pulled it tight.... then I connected the reflector 28ft back and directly to the rope...

When I pulled the rope up all the antenna elements were tight!!! and because the other side of the antenna was set up correctly.... the elements had to be in their proper places... in line with each other... oh happy day... I guessed that two foot sway in the rope by luck, but I guessed it.....

I don't think I have the trees where I need them on the side with the dowel rods hoseclamped together... but I'll take the binoculars tomorrow and scope it out...

In the meantime my cajun mama says it's crawfish et-2-fay tonite with a side order of fried alligator tail.... my cajun mama loves her cajun boy yea...

OK BRIAN where are u... give me a freq and time.... I'm ready...
Joel KE1LA
In Maine

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

End of QRP-L Digest 1518

